

## ABSTRACT

A method of replacing a lost denture includes the steps of forming a mold 20 as an impression of the original denture , and of fabricating a replacement denture using this mold. The mold consists of a tissue side mold section and an exterior side mold section. The tissue side mold section is made of a dimensionally stable material, such as dental stone or an addition-cured silicone rubber, so that the tissue side of the denture can be accurately reproduced at a later time. The exterior side mold is made of a resilient material, so that the original denture and its duplicate can be removed from the mold. An injection passage and overflow passages can be drilled into the exterior side mold section so that a liquid resin can be injected to adequately fill the mold cavity to form the gum portion of the duplicate denture.